Toxic Release Inventory (TRI)

Magnetic Media File Formats for RY2000-Final

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Environmental Protection Agency
Office of Environmental Information
Project Officer: Annette Marion

Prepared by:
Titan Systems Corporation
CBSI Division
4600 North Fairfax Drive, Suite 300
Arlington, Virginia 22203

TITAN SYSTEMS CORPORATION
CBSI DIVISION

Table of Contents

1.0 Introduction 1-1
1.1 Note to Software Vendors 1-2
1.2 UTIL, the State Utility Software 1-3

2.0 Changes for RY2000 2-1
2.1 Changes to the TRI01 File Format.. 2-1
2.2 Changes to the TRI05 File Format 2-1
2.3 Changes to the TRI08 File Format 2-1
2.4 Changes to the TRI14 File Format 2-1
2.5 New File TRI17 2-2

3.0 Questions and Answers for TRI Software Vendors 3-1

4.0 Submitting Reports on Diskette 4-1
4.1 Labeling the Diskette 4-1
4.2 States That Accept Electronic Submissions 4-2
4.3 Preparing the Cover Letter 4-2
4.4 Preparing the Form A 4-4

5.0 Magnetic Media ASCII Transfer File Formats 5-1

Attachment A - Blank Form R A-1

Attachment B - Blank Form A B-1

1.0 Introduction

This document presents the magnetic media ASCII transfer file formats for RY2000. Changes were made to these file formats as required by the RY2000 TRI reporting software to support:

- Addition of Part II Section 1.4 of the Form R for reporting of Persistent, Bioaccumulative, and Toxic (PBT) Chemicals, including dioxin and dioxin-like compounds. (Note: Form A cannot be used to report PBT chemicals, including dioxin and dioxin-like compounds.)
- For a facility reporting a mailing address outside the US (both the Form R and Form A, Part I, Section 4.1) addition of a country field and inclusion of a Non-US State/Province and Postal Code field in the Mailing Address section.
- For a facility reporting an off-site outside the US (Form R, Part II, Section 6.2) addition of a country field and inclusion of a Non-US State/Province and Postal Code field.
- Addition in Part I, Section 4, 4.2 for both the Form R and Form A: box for GOCO; "d. GOCO."
- Addition in Part II, Section 3, 3.2 for the Form R: box for impurity that reads "e. as an impurity."
- Increase in NPDES field from 9 to 10 characters. NPDES numbers are typically 9 characters in length, but may be up to 10 characters.
- Increase in field size of Technical Contact and Public Contact Telephone Numbers to enable entry for international phone numbers (submitter must include 011).
- Increase in field size of Production Ratio in Part II, Section 8.9 of the Form R.

The following changes have been made to ATRS for Reporting Year 2000 and are provided for information even though they did not require changing the file formats:

- The state cover letter address can now be entered into a maintenance list that will be referenced at the time the state cover letter is printed. The state address list can contain as many state addresses as the submitter wishes to enter.
- After an initial ATRS2000 database has been built, the reload function can be used to add automated files from diskette to the ATRS2000 database. This feature allows several users to develop ATRS records that can later be merged into a single database. The corollary to this capability is that the database can now contain duplicate records that will have to be controlled manually by the user.
- Each screen can be navigated by using the Tab key.
- During data entry, the cursor will stay on the same submission when data entry for that record is completed.
- Waste stream sequences can now be duplicated.
- TRI Facility Ids (TRIFIDs) are typically 15 characters in length (either alpha or numeric). TRIFIDs of less than 15 characters can now be accommodated. TRIS will accept all TRIFIDs that have been assigned by the EPCRA RC. (Only the EPCRA RC can assign TRIFIDs). The algorithm used to assign TRIFIDs is as follows:
    - positions 1-5 (numbers only);
    - positions 6-10 (letters, numbers, and spaces);
    - positions 11-15 (letters, numbers, and spaces).

  - Facilities that do not have a TRIFID already assigned for their use will enter "NEW FACILITY", "NEW FACILITY02", etc. in the TRIFID field.

- The Printing Tab now has the full range of sort features common to the other Tabs.
- As of June 15, 2000, Phosphoric Acid was de-listed from the list of reportable TRI chemicals for RY1999. It can still be reported and revised for prior reporting years (RY1987-RY1998).
- Range codes cannot be used for reporting PBTs, including dioxin and dioxin-like compounds. PBT chemicals, including dioxin and dioxin-like compounds may be reported using decimals. PBT chemicals are reported in pounds. Dioxin and dioxin-like compounds are reported in grams.

1.1 Note to Software Vendors

We are distributing this document to enable you to update your company's software for Reporting Year 2000 (RY2000). For more information about ATRS, visit our website at www.epa.gov/atrs. It is recommended that you make a practice of visiting this site weekly throughout the year, since in many cases this will be the earliest source of information about a change in ATRS.

Please note the following:

- As you create software that generates paper and electronic TRI reporting forms for Reporting Year 2000 submissions to EPA, we suggest that you support the Form A (formerly called the Certification Statement) as well as the Form R. See Appendix A for a sample Form R and Appendix B for a sample Form A. Please note that the *Form A* field (record #83 in TRI01) indicates whether the submitter has selected the Form A option.

- Your software must comply with the general instructions for completing the Form R. If you support the Form A, your software must comply with the general instructions for completing the Form A. The instructions for preparing the Form R electronically do not supersede the instructions for completing a hard copy form. For instance, electronic submissions, like paper, must report "NA" where there is no other information to report. This document reflects only the changes in the reporting requirements that affect the submission of reports on magnetic media. Review the *Toxic Chemical Release Inventory Reporting Forms and Instructions for 2000* to identify additional changes in the reporting requirements (for example, chemicals being added or delisted, etc.) that do not directly affect the format of magnetic media submissions.

- Any questions about these file formats may be answered by referring to EPA's Automated TRI Reporting Software (ATRS) application data entry function that demonstrates a full ensemble of edit checks together with all tables (chemicals, SIC codes, etc.) needed for data entry. In a side-by-side comparison, your software should produce the same output files as the ATRS application.

1.2 UTIL, the State Utility Software

All changes to the TRI Magnetic Media File Formats also affect the State Utility (UTIL) software.

2.0 Changes for RY2000

Changes were made to the TRI01, TRI05, TRI08, TRI14, file formats and a new file format TRI017 has been added for dioxin and dioxin-like compounds.

2.1 Changes to the TRI01 File Format

The phone numbers for the Technical Contact and Public Contact were increased in size from 10 to 20 characters to accommodate international telephone numbers. For international telephone numbers the submitter must include 011 as the prefix. A new field has been added to the file format at Record # 30 for the new check box on the Form R at Part I, Section 3.2 e. as an impurity. The Production Ratio field at Record #80 (Form R, Part II, Section 8.9) has been increased in size from 6 characters (4 integer and 2 decimal) to 9 characters (7 integer and 2 decimal).

2.2 Changes to the TRI05 File Format

The field for NPDES has been increased in size from 9 to 10 characters. NPDES numbers are typically 9 characters in length, but may be up to 10 characters.

2.3 Changes to the TRI08 File Format

A new two character field named *OFF_COUNTRY* has been added to the end of the file format to reflect the addition of the check box on the Form R screen in ATRS. (Note: The check box in not on the hardcopy Form R.) This check box indicates whether the Off-site transfer location is outside the United States and its territories. A new twenty-five character field named *OFF_PROVINCE* has been added to store the name of the Non-US State or Province in which the Non-US Off-Site Facility is located. Off-site Zip Code (OFF_ZIP) has been increased in size to 14 characters to accommodate Non-US Postal Codes.

2.4 Changes to the TRI14 File Format

A new two character field named *MAIL_COUNTRY* has been added to the end of the file format to reflect the addition of the check box on the Form R and Form A to indicate whether the Mailing Address of the facility is outside the United States and its territories. A new twenty-five character field named *MAIL_PROVINCE* has been added to store the name of the Non-US State or Province. Mailing Address Zip Code (MAIL_ZIP) has been increased in size to 14 characters to accommodate Non-US Postal Codes.

2.5 New File TRI17

A new file has been added for recording the percentages of the 17 dioxin and dioxin-like compounds that constitute chemical compound N150 that will be reported in Part II, Section 1.4 of the Form R.

3.0 Questions and Answers for TRI Software Vendors

The following questions and answers are based on compatibility problems found when uploading submissions created with vendor software to the TRI database. To ensure your software creates valid submissions, please verify that the output files comply with the logic and business notes described in this document. Please also specify an identifier for your software and company in the TRITR file as indicated in the file format table also in this document.

Q1: ***What should be printed on Form R continuation pages for page 3 under Section 6.1.A.1,*** **Total Transfers to POTW*?***

A1: This field may be left blank on continuation pages since it duplicates information already printed.

Q2: ***How many decimal places may a submitter report up to for PBT chemicals, including dioxin and dioxin-like compounds?***

A2: EPA's reporting software and data management systems support release values up to 11 characters (for Sections 5 and 6 of the Form R) and 13 characters (for Section 8 of the Form R) where the decimal point counts as a character. This means the largest release value that may be reported in Sections 5 and 6 is 99,000,000,000 (99 billion), or in the case of Section 8 9,000,000,000,000 (9 trillion). The smallest release value that may be reported in all three sections is 0.0000001 (one ten-millionth). In the case of PBTs, including dioxin and dioxin-like compounds, EPA's reporting software supports release values up to 7 digits to the right of the decimal. If all 7 decimal places are used, the maximum release value to the left of the decimal point is 999 (i.e. the character string 999.1234567 is 11 characters long and 99999.1234567 is 13 characters long). If a facility has a release value exceeding 999 and its data calculations support the use of 7 or more digits to the right of the decimal point, the facility should enter the full character string for the integer value to the left of the decimal point and as many decimal characters as possible until the 11 or 13 character limit is reached.

Q3: ***How many decimal places may a submitter report for the 17 dioxin and dioxin-like compounds that will be recorded as percentages in Section 1.4 in Part II of the Form R?***

A3: A submitter may report up to two places to the right of the decimal point. The decimal point is already programmed into Section 1.4 in ATRS and is not a part of the 5 characters field size.

Q4: ***Must the total of the percentages for the 17 dioxin and dioxin-like compounds that will be recorded in Section 1.4 in Part II of the Form R add up to 100%?***

A4: Yes, except in those cases when a facility does not have speciation data available. In those cases, a facility should indicate NA.

Q5: Must TRI02, 03, 04, and 05 data be duplicated for each chemical for each facility?

A5: Yes.

Q6: Can more than one page 5 ever be printed for a Form R?

A6: Yes. ATRS2000 now permits unlimited entries of data in Part II, Section 8.10, Source Reduction Activities.

Q7: Can trade secret chemicals be put on magnetic media?

A7: No. Trade secret reports may not be submitted on magnetic media.

Q8: How should the characters for the* CAS Number *(Section 1.1) and* Toxic Chemical Name or Category Code *(Section 1.2) fields be justified?

A8: The CAS number is right-justified with leading zeros (no hyphens allowed). The chemical category code is left-justified with trailing spaces. Do not add trailing zeros.

Q9: In Form R Section 7A, how do we handle more than eight Waste Treatment Method codes for a single General Waste Stream code on page 4 and in magnetic media?

A9: To enter more than eight Waste Treatment Method codes, enter "NA" into column C of the first row and leave columns D and E blank on all but the final row. The General Waste Stream code (column A) is left blank on all continuation rows. The final row will contain valid values in columns C, D, and E.

Valid Range of Influent Concentration codes are 1 - 5 or "NA" (for continuation).

Shown below are the complete contents of TRI13 for one test Form R submission that shows a continuation in the first waste stream that spans three records:

```
1300001A A01A02A03A04A05A06A07B11NA
1300001  B21B31B99C01C02C09C11C21NA
1300001  C31C41C42C43C44C45NA    0110000Y
1300001W C46C99F01F11F19F31F41F4202005000N
1300001L F51F61F71F81F82F83F99G0103002500Y
1300001S G09G11G21G99P01P09P11P1204001250N
```

Q10: How do we handle the use of NAs in ATRS for both the Form R and Form A?

A10: Additional language regarding the use of NA, particularly the use of NA versus a numeric value (e.g. zero) has been added to the *Toxic Chemical Release Inventory Reporting Forms and Instructions for 2000.* For ATRS purposes, please use the table below which clarifies the use of NA and where NAs are required in ATRS.

Use of NA in ATRS
for RY 2000

Where is NA used?	ATRS
Part I, Section 4.5	NA removed from drop down list; terminating NA not required.
Part I, Sections 4.7-4.10	NA required only if not applicable (enter in box "a" for each section); terminating NA not required.
Part I, Section 5.1 & 5.2	Must indicate NA or fill in the Form.
Part II, Section 1.4	For dioxin and dioxin-like compounds only: NA is used when speciation data is not available.
Part II Section 5.1, 5.2	Must indicate NA or fill in with a value.
Part II, Section 5.3.1-5.3.3	NA provided in drop down list. Must choose NA or fill in to validate. Terminating NA not required.
Part II, Section 5.4.1-5.5.4	Must indicate NA or fill in with a value.
Part II, Section 6.1.A.1	NA or value required.
Part II, Section 6.2	Terminating NA required. Terminating NA records are only required in the Transfers to Offsite ASCII file (TRI12) if the number of transfers are not divisible by 4. Also, for off-site RCRA ID: NA is an acceptable entry for both an off-site in the U.S. and outside the U.S.
Part II, Section 7A	NA or value required in 7A.1a required.
Part II, Section 7A.1b, 7A.2b, etc.	Terminating NA required.
Part II, Section 7B	ATRS will require consistent use between NA and some numerical quantity (including 0) between Section 7B/8.2 & 7C/8.4.

Where is NA used?	ATRS
Part II, Section 7C	NA or method code required. Terminating NA not required.
Part II, Section 8	Terminating NA required for Section 8.10. Terminating NA records are only required in the Source Reduction Activities ASCII file (TRI 15) if the number of activities are not divisible by 4. ATRS will require consistent use between NA and some numerical quantity (including 0) between Section 7B/8.2 & 7C/8.4.
Form A	
Part I, Section 4.5	NA removed from drop down list; terminating NA not required.
Part I, Sections 4.7-4.10	NA required only if not applicable (enter in box "a" for each section); terminating NA not required.
Part I, Section 5.1 & 5.2	Must indicate NA or fill in the Form.

4.0 Submitting Reports on Diskette

After data entry is completed, using either ATRS2000 or vendor software, the Form R and Form A transfer files are copied to diskette for submission to EPA. Diskettes submitted to EPA should be 3.5-inch and high-density (for example, 1.44 MB). They must be formatted using DOS 2.10 or higher on an IBM PC or compatible microcomputer. Submitters may not use low-density (360 KB or 720 KB) or extra-high-density (2.88 MB) diskettes. We also suggest that you tell submitters to use new diskettes, because older media (for example, "recycled" diskettes) have caused upload problems in the past. Do not submit Form R or Form A printouts if you are reporting those chemicals electronically.

Please note that the diskette must contain only files pertaining to TRI submission. Any other files sent with the diskette may cause the entire diskette to be rejected during the upload process by ATRS Copy into the Toxic Chemical Release Inventory (TRI) database System.(TRIS). Similarly, please inform submitters to check for viruses before sending their diskettes to the EPA for processing.

4.1 Labeling the Diskette

A label must be attached to each diskette. The label may be typed or legibly handwritten. An example of the format and content of this label is shown below.

TRI Report	
COMPANY NAME	
Date: 06/09/2001	**Density:** HD
Report Year: 2000	**Number:** 1 **of** 1
Contact: TECHNICAL CONTACT NAME (505) 555-5369	

Packaging and shipping for magnetic media are left to the discretion of the submitting facility. Submitters should be warned, however, to use a label indicating that their packages contain a diskette that is fragile and cannot be shipped with magnetized materials. Your instructions should tell users to send completed magnetic media, along with a cover letter from each submitting facility, containing an original certification signature, to:

EPCRA Reporting Center
P.O. Box 3348
Merrifield, VA 22116-3348
Attn: TRI Magnetic Media Submission

Certified mail, overnight mail, and hand-delivered submissions only should be addressed to:

EPCRA Reporting Center
c/o Computer Based Systems, Inc.
Suite 300
4600 N. Fairfax Drive
Arlington, VA 22203
(703) 816-4445

NOTE: Submitters must also send a copy of each Form R and Form A to the appropriate state agency which should be contacted for the correct mailing address and to determine whether they will accept magnetic media or only hardcopy submissions.

4.2 States That Accept Electronic Submissions

The following states have indicated that they will accept TRI submissions on magnetic media. If your state is not listed, it is recommended that you contact the responsible state environmental office to determine their plans for accepting magnetic media submissions in the future. ATRS2000 has been enhanced to enable entry of an address in a State Address table that can be printed on the cover letter for the state. The state address can be updated anytime a change is identified.

NOTE: ATRS2000 enables all facilities to submit electronically. However, submitters in those states that have indicated to EPA by the time ATRS2000 is finalized that they do not accept electronic submissions, will receive a message to check with their state regarding the status of paper versus electronic submissions. In past years some states began to accept electronic submissions after ATRS was finalized for that particular reporting year and, as a result, some submitters were prevented from being able to report to their state electronically.

STATE ABBREVIATIONS

AK	AZ	CA	CO	DC	DE	FL	GA	HI
IA	ID	IL	IN	KS	LA	MD	ME	MI
MN	MO	MT	NC	ND	NH	NJ	NM	NV
NY	OH	OK	OR	PA	SC	SD	TX	UT
VA	VI	VT	WA	WI	WV	WY		

4.3 Preparing the Cover Letter

If you are submitting reports on magnetic diskette to EPA, then you must enclose a certifying cover letter for each separate facility signed by the official listed in Part I, Section 3 of the Form R or Form A (name and official title of operator, senior management official, or owner). The following page is a sample of the format and content of the cover letter.

<facility mail name>
<first half of mail address>
<second half of mail address>
<city, state zip>
TRI Fac. ID : *<trifid>*
<mm/dd/yyyy>

EPCRA Reporting Center
P.O. Box 3348
Merrifield, VA 22116-3348
Attn: Toxic Chemical Release Inventory
Magnetic Media Submission

To Whom It May Concern:

Enclosed please find one (1) microcomputer diskette containing toxic chemical release reporting information for:

<first half of facility name><second half of facility name>

This information is submitted as required under section 313 of the Emergency Planning and Community Right-to-Know Act of 1986 and the Pollution Prevention Act of 1990.

We are submitting a total of two **2** Chemical Report(s) for our facility.
These 2 chemical report(s) are described below:

Chemical Name	Report Year	CAS Number	Report Type
<CHEM_NAME>	*<yyyy>*	*<CAS_NO>*	<form R or Form A>

Our technical point of contact is:

<TECH_NAME>, Phone Number: *<TECH_PHONE>*,

and is available if any questions or problems arise in your processing of these diskettes.

I hereby certify that I have reviewed the attached documents and that, to the best of my knowledge and belief, the submitted information is true and complete and that the amounts and values in this report are accurate based on reasonable estimates using data available to the preparers of this report.

Sincerely,

Owner Signature

<name of owner>
<title of owner>
<first half of fac name>
<second half of fac name>

Enclosures

4.4 Preparing the Form A

The Form A is an abbreviated version of the Form R (see Appendix A). The EPA intends this form to reduce the submitter's paperwork burden. Submitters using less than 500 reportable pounds and 1 million annual pounds of a chemical may choose to use the Form A rather than the Form R. (Note: PBTs, including dioxin and dioxin-like compounds cannot be reported using Form A.) A sample hard copy Form A which shows the fields that must be included, is attached to this document as Appendix B. Please note that the Form A was revised in RY1998 to enable reporting multiple chemicals on a single Form A. for each reporting year. The Form A consists of one page 1 (facility data) and in the following page(s), all the chemicals for that facility *and* that reporting year that the submitter reports as a Form A. You should note, however, that the file formats for the magnetic versions of the Form A and the standard Form R are the same for the data that applies to both.

5.0 Magnetic Media ASCII Transfer File Formats

For accuracy, the magnetic media ASCII transfer file formats shown on the following pages have been listed directly from the data dictionary using the following headings:

Record#	Data dictionary internal record (line) number for reference.
File	File name of transfer file (no extension).
Field	Field number within a particular file.
Field_Name	Field name used within working files by the EPA's programs.
Type	Data type, usually character.
Width	Width of field in characters.
Start	Starting position of field within a file.
End	Ending position of field within a file.
Page	Page in a Form R where field appears.
Section	Section in Form R where field appears.
Description	Description of field taken from Form R; text in brackets [ ] is added to clarify Form R text.
Notes	Developers' notes. Additional notes are marked with an asterisk (*).

Asterisks (*) in the *Notes* column of file layouts refer to the following footnotes:

*1 = Release value must be one of the following:

a. a non-negative, right-justified integer (no decimals, with the exception of the reporting of PBT chemicals, including dioxin and dioxin-like compounds where decimals may be used. See footnotes # 11 and # 14 below for further information.)

b. range code of either A, B, or C, left-justified

c. NA left-justified

*2 = Each stream or water body must have a unique sequential numeric code.

*3 = Each STREAMNAME record must contain either a Stream or Water Body Name or NA.

*4 = Each POTW must have a unique sequential numeric code. POTW_CODE is the link between TRI07 and TRI11. In ATRS, POTW_CODE 0001 = POTW_NAME1 NA and POTW_CODE 0002 = POTW_NAME1 (first one assigned by the submitter).

*5 = Each POTW_NAME1 record must contain either a POTW Name or NA.

*6 = Each Offsite must have a unique sequential numeric code. OFFSTE_COD is the link between TRI08 and TRI12. In ATRS, OFFSTE_COD 0001 = OFF_NAME1 NA and OFFSTE_COD 0002 = OFF_NAME1 (first one assigned by the submitter).

*7 = Each OFF_NAME1 record must contain either an Off-Site Name or NA.

*8 = Each stream or water body must have a unique sequential numeric code, matching the code used in TRI06. STREAMCODE is the link between TRI06 and TRI09. In ATRS, STREAMCODE 0001 = STREAMNAME NA, and STREAMCODE 0002 = STREAMNAME (first one assigned by the submitter).

*9 = Each POTW must have a unique sequential numeric code, matching the code used in TRI07.

*10 = Each Off-Site must have a unique sequential numeric code, matching the code used in TRI08.

*11 = Decimal amounts may be entered into the release, transfer, and other waste management fields of the Form R, for PBTs, including dioxins and dioxin-like compounds. The use of a decimal in these fields is for the reporting of PBTs, including dioxin and dioxin-like compounds ONLY. Decimal reporting is not allowed for non-PBT chemicals. See Q & A #2 in Section 3.0 of this document for additional information.

*12 = Decimals are implied by position in **Production Ratio**, Record #80 in File TRI01. This 9 position field is considered to be 7 whole numbers followed by 2 decimal positions.

*13 = **Storm Percent**, Record #133 is also a 5 position field whose rightmost 2 positions are considered to be decimals.

*14 = The 17 fields for **percentage of dioxin and dioxin-like compounds** in TRI17 are 5 position fields whose rightmost 2 positions are considered to be decimals.

The following pages contain file format details for those interested in developing TRI submission software. Each file format contains a sequential listing of record numbers and other required database information.

Note: Changes to the File Formats are in Bold and Italics.

Note: Changes to the File Formats are in Bold and Italics.

Record#	File	Field	Field_Name	Type	Width	Start	End	Page	Section	Description	Notes
1	TRI01	1	REC_TYPE	Character	2	1	2			[Record type]	Enter 01
2	TRI01	2	REPORT_NUM	Character	5	3	7			[Report number]	Sequential number
3	TRI01	3	FAC_SEQNUM	Character	4	8	11			[Facility sequential number]	Sequential number
4	TRI01	4	TRADE_SCRT	Character	1	12	12	1	2.1	Are you claiming the toxic ...	Enter N
5	TRI01	5	SANITIZED	Character	2	13	14	1	2.2	If yes in 2.1, is this copy: ...	Enter NA
6	TRI01	6	REPORT_YR	Character	4	15	18	1	1	Reporting year	Enter year being reported, e.g.,1996
7	TRI01	7	CERT_NAME	Character	45	19	63	1	3	Name and official title[Name]	Name only - left-justified
8	TRI01	8	CERT_TITLE	Character	45	64	108	1	3	Name and official title[Title]	Official title only - left-justified
9	TRI01	9	CERT_DATE	Character	8	109	116	1	3	Date Signed	Date format MMDDYYYY
10	TRI01	10	PART_FAC	Character	1	117	117	1	4.2	This report contains info...	Enter A (entire) or B (part)
11	TRI01	11	TECH_NAME	Character	45	118	162	1	4.3	Name [Technical Contact]	Left-justified
12	***TRI01***	***12***	***TECH_PHONE***	***Character***	***20***	***163***	***182***	***1***	***4.3***	***Telephone ... [Technical Contact]***	***With area code, no parens, hyphens or spaces, left-justified***
13	TRI01	13	CONT_NAME	Character	45	183	227	1	4.4	Name [Public Contact]	Left-justified
14	***TRI01***	***14***	***CONT_PHONE***	***Character***	***20***	***228***	***247***	***1***	***4.4***	***Telephone ... [Public Contact]***	***With area code, no parens, hyphens or spaces, left-justified***
15	TRI01	15	UIC_NUM1	Character	12	248	259	1	4.10a	Underground injection ... [1st UIC]	Right-justified, or NA
16	TRI01	16	UIC_NUM2	Character	12	260	271	1	4.10b	Underground injection ... [2nd UIC]	Right-justified
17	TRI01	17	CAS_NO	Character	9	272	280	2	1.1	CAS Number (Important: Enter ...	Right-justified , or NA
18	TRI01	18	CHEM_NAME	Character	70	281	350	2	1.2	Toxic Chemical or Category ...	Left-justify with trailing spaces, or NA
19	TRI01	19	MIXTURE	Character	70	351	420	2	2.1	Generic Chemical Name Provided	Left-justify, or NA if 1.1 and 1.2 are not NA
20	TRI01	20	PRODUCE	Character	1	421	421	2	3.1	a. Produce	Enter Y or N
21	TRI01	21	IMPORT	Character	1	422	422	2	3.1	b. Import	Enter Y or N
22	TRI01	22	ON_SITE	Character	1	423	423	2	3.1	c. For on-site use/processing	Enter Y or N
23	TRI01	23	SALE_DIST	Character	1	424	424	2	3.1	d. For sale/distribution	Enter Y or N
24	TRI01	24	BYPRODUCT	Character	1	425	425	2	3.1	e. As a byproduct	Enter Y or N
25	TRI01	25	IMPURITY	Character	1	426	426	2	3.1	f. As an impurity	Enter Y or N
26	TRI01	26	REACTANT	Character	1	427	427	2	3.2	a. As a reactant	Enter Y or N
27	TRI01	27	FORMULATN	Character	1	428	428	2	3.2	b. As a formulation component	Enter Y or N
28	TRI01	28	ARTICLE	Character	1	429	429	2	3.2	c. As an article component	Enter Y or N
29	TRI01	29	REPACKAGE	Character	1	430	430	2	3.2	d. Repackaging	Enter Y or N
30	***TRI01***	***30***	***IMPURITY2***	***Character***	***1***	***431***	***431***	***2***	***3.2***	***e. As an impurity***	***Enter Y or N***
31	TRI01	31	CHEM_PROC	Character	1	432	432	2	3.3	a. As a chemical processing aid	Enter Y or N
32	TRI01	32	MNFG_AID	Character	1	433	433	2	3.3	b. As a manufacturing aid	Enter Y or N
33	TRI01	33	ANCILLARY	Character	1	434	434	2	3.3	c. Ancillary or other use	Enter Y or N
34	TRI01	34	MAX_ONSITE	Character	2	435	436	2	4.1	(Enter two-digit code from inst ...	Enter amount range code (01 through 11)
35	TRI01	35	FAIR_REL	Character	11	437	447	2	5.1	Fugitive or non- ... [Release]	Right-justify number, or NA *1, *11
36	TRI01	36	FAIR_BASIS	Character	2	448	449	2	5.1	Fugitive or non- ... [Basis]	Basis code (M, C, E, or O)
37	TRI01	37	SAIR_REL	Character	11	450	460	2	5.2	Stack or point ... [Release]	Right-justify number, or NA *1, *11
38	TRI01	38	SAIR_BASIS	Character	2	461	462	2	5.2	Stack or point ... [Basis]	Basis code (M, C, E, or O)
39	TRI01	39	UI1_REL	Character	11	463	473	2	5.4.1	Underground injec ClassI [Release]	Right-justify number, or NA *1, *11
40	TRI01	40	UI1_BASIS	Character	2	474	475	2	5.4.1	Underground injec Class I [Basis]	Basis code (M, C, E, or O)
41	TRI01	41	RCRA_REL	Character	11	476	486	3	5.5.1.A	Landfill RCRA [Release]	Right-justify number, or NA *1, *11
42	TRI01	42	RCRA_BAS	Character	2	487	488	3	5.5.1.A	Landfill RCRA [Basis]	Basis code (M, C, E, or O)
43	TRI01	43	LND_REL	Character	11	489	499	3	5.5.2	Land treatment/app ... [Release]	Right-justify number, or NA *1, *11
44	TRI01	44	LAND_BAS	Character	2	500	501	3	5.5.2	Land treatment/app ... [Basis]	Basis code (M, C, E, or O)
45	TRI01	45	SRF_REL	Character	11	502	512	3	5.5.3	Surface impoundment [Release]	Right-justify number, or NA *1, *11
46	TRI01	46	SRF_BAS	Character	2	513	514	3	5.5.3	Surface impoundment [Basis]	Basis code (M, C, E, or O)
47	TRI01	47	OTHR_REL	Character	11	515	525	3	5.5.4	Other disposal [Release]	Right-justify number, or NA *1, *11
48	TRI01	48	OTHR_BAS	Character	2	526	527	3	5.5.4	Other disposal [Basis]	Basis code (M, C, E, or O)
49	TRI01	49	POTW_REL	Character	11	528	538	3	6.1.A.1	Total Transfers (pounds/ [POTWs]	Right-justify number, or NA *1, *11

Note: Changes to the File Formats are in Bold and Italics.

Record#	File	Field	Field_Name	Type	Width	Start	End	Page	Section	Description	Notes
50	TRI01	50	POTW_BAS	Character	2	539	540	3	6.1.A.2	Basis of Estimate ... [POTWs]	Basis code (M, C, E, or O)
51	TRI01	51	QRELS_COLA	Character	13	541	553	5	8.1	Quantity released [Col A]	Right-justify number, or NA *11
52	TRI01	52	QRELS_COLB	Character	13	554	566	5	8.1	Quantity released [Col B]	Right-justify number, or NA *11
53	TRI01	53	QRELS_COLC	Character	13	567	579	5	8.1	Quantity released [Col C]	Right-justify number, or NA *11
54	TRI01	54	QRELS_COLD	Character	13	580	592	5	8.1	Quantity released [Col D]	Right-justify number, or NA *11
55	TRI01	55	ONRCV_COLA	Character	13	593	605	5	8.2	Quantity used ... on-site [Col A]	Right-justify number, or NA *11
56	TRI01	56	ONRCV_COLB	Character	13	606	618	5	8.2	Quantity used ... on-site [Col B]	Right-justify number, or NA *11
57	TRI01	57	ONRCV_COLC	Character	13	619	631	5	8.2	Quantity used ... on-site [Col C]	Right-justify number, or NA *11
58	TRI01	58	ONRCV_COLD	Character	13	632	644	5	8.2	Quantity used ... on-site [Col D]	Right-justify number, or NA *11
59	TRI01	59	OFRCV_COLA	Character	13	645	657	5	8.3	Quantity used ... off-site [Col A]	Right-justify number, or NA *11
60	TRI01	60	OFRCV_COLB	Character	13	658	670	5	8.3	Quantity used ... off-site [Col B]	Right-justify number, or NA *11
61	TRI01	61	OFRCV_COLC	Character	13	671	683	5	8.3	Quantity used ... off-site [Col C]	Right-justify number, or NA *11
62	TRI01	62	OFRCV_COLD	Character	13	684	696	5	8.3	Quantity used ... off-site [Col D]	Right-justify number, or NA *11
63	TRI01	63	ONRCY_COLA	Character	13	697	709	5	8.4	Quantity recycled on-site [Col A]	Right-justify number, or NA *11
64	TRI01	64	ONRCY_COLB	Character	13	710	722	5	8.4	Quantity recycled on-site [Col B]	Right-justify number, or NA *11
65	TRI01	65	ONRCY_COLC	Character	13	723	735	5	8.4	Quantity recycled on-site [Col C]	Right-justify number, or NA *11
66	TRI01	66	ONRCY_COLD	Character	13	737	748	5	8.4	Quantity recycled on-site [Col D]	Right-justify number, or NA *11
67	TRI01	67	OFRCY_COLA	Character	13	749	761	5	8.5	Quantity recycled off-site [Col A]	Right-justify number, or NA *11
68	TRI01	68	OFRCY_COLB	Character	13	762	774	5	8.5	Quantity recycled off-site [Col B]	Right-justify number, or NA *11
69	TRI01	69	OFRCY_COLC	Character	13	775	787	5	8.5	Quantity recycled off-site [Col C]	Right-justify number, or NA *11
70	TRI01	70	OFRCY_COLD	Character	13	788	800	5	8.5	Quantity recycled off-site [Col D]	Right-justify number, or NA *11
71	TRI01	71	ONTRT_COLA	Character	13	801	813	5	8.6	Quantity treated on-site [Col A]	Right-justify number, or NA *11
72	TRI01	72	ONTRT_COLB	Character	13	814	826	5	8.6	Quantity treated on-site [Col B]	Right-justify number, or NA *11
73	TRI01	73	ONTRT_COLC	Character	13	827	839	5	8.6	Quantity treated on-site [Col C]	Right-justify number, or NA *11
74	TRI01	74	ONTRT_COLD	Character	13	840	852	5	8.6	Quantity treated on-site [Col D]	Right-justify number, or NA *11
75	TRI01	75	OFTRT_COLA	Character	13	853	865	5	8.7	Quantity treated off-site [Col A]	Right-justify number, or NA *11
76	TRI01	76	OFTRT_COLB	Character	13	866	878	5	8.7	Quantity treated off-site [Col B]	Right-justify number, or NA *11
77	TRI01	77	OFTRT_COLC	Character	13	879	891	5	8.7	Quantity treated off-site [Col C]	Right-justify number, or NA *11
78	TRI01	78	OFTRT_COLD	Character	13	892	904	5	8.7	Quantity treated off-site [Col D]	Right-justify number, or NA *11
79	TRI01	79	RELSE_ENVI	Character	13	905	917	5	8.8	Quantity released to the ...	Right-justify number, or NA *11
80	***TRI01***	***80***	***PROD_RATIO***	***Character***	***9***	***918***	***926***	***5***	***8.9***	***Production ratio or activity Index***	***NA or number, Right-justify, zero fill, no decimal *12***
81	TRI01	81	ADD_INFO	Character	1	927	927	5	8.11	Is additional optional info ...	Enter Y or N
82	TRI01	82	REV_FLAG	Character	1	928	928	1	1.1	Revision Flag	Enter Y or N
83	TRI01	83	FED_FLAG	Character	1	929	929	1	4.2c	Federal Facility Type	Enter F, C or G
84	TRI01	84	CERT_LTR	Character	1	930	930			Form A	Enter Y or N
85	TRI01	85	UI2_REL	Character	11	931	941	2	5.4.2	Underground injec Class II-IV Rel	Right-justify number or NA *1
86	TRI01	86	UI2_BASIS	Character	2	942	943	2	5.4.2	Underground injec Class II-IV Basis	Basis code (M, C, E, or O)
87	TRI01	87	FILL_REL	Character	11	944	954	3	5.5.1.B	Other Landfills Release	Right-justify number, or NA *1
88	TRI01	88	FILL_BAS	Character	2	955	956	3	5.5.1.B	Other Landfills Basis	Basis code (M, C, E or O)
89	TRI02	1	REC_TYPE	Character	2	1	2			[Record type]	Enter 02
90	TRI02	2	REPORT_NUM	Character	5	3	7			[Report number]	Sequential number (1st is Primary SIC)
91	TRI02	3	SIC_CODE	Character	4	8	11	1	4.5	SIC Code (4-digit)	SIC code
92	TRI03	1	REC_TYPE	Character	2	1	2			[Record type]	Enter 03
93	TRI03	2	REPORT_NUM	Character	5	3	7			[Report number]	Sequential number
94	TRI03	3	DUN_NUMBER	Character	9	8	16	1	4.7	Dunn & Bradstreet Number(s) ...	Right-justify, no dashes, or NA
95	TRI04	1	REC_TYPE	Character	2	1	2			[Record type]	Enter 04
96	TRI04	2	REPORT_NUM	Character	5	3	7			[Report number]	Sequential number

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Record#	File	Field	Field_Name	Type	Width	Start	End	Page	Section	Description	Notes
97	TRI04	3	EPA_ID	Character	12	8	19	1	4.8	EPA Identification Numbers(s) ...	Right-justify, no dashes, or NA
98	TRI05	1	REC_TYPE	Character	2	1	2			[Record type]	Enter 05
99	TRI05	2	REPORT_NUM	Character	5	3	7			[Report number]	Sequential number
100	***TRI05***	***3***	***NPDES***	***Character***	***10***	***8***	***17***	***1***	***4.9***	***Facility NPDES Permit Number(s)***	***Right-justify, or NA***
101	TRI06	1	REC_TYPE	Character	2	1	2			[Record type]	Enter 06
102	TRI06	2	STREAMCODE	Character	4	3	6		5.3._	[Stream or Water Body... Code]	Sequential numeric characters *2
103	TRI06	3	STREAMNAME	Character	70	7	76	2	5.3._	Stream or Water Body Name	Left-justify *3
104	TRI07	1	REC_TYPE	Character	2	1	2			[Record type]	Enter 07
105	TRI07	2	POTW_CODE	Character	4	3	6		6.1.B._	[POTW Code]	Matches record Type 11 link code *4
106	TRI07	3	POTW_NAME1	Character	30	7	36	3	6.1.B._	POTW Name [1st part]	Left-justify *5
107	TRI07	4	POTW_NAME2	Character	30	37	66	3	6.1.B._	POTW Name [2nd part]	Left-justify
108	TRI07	5	POTW_STRE1	Character	30	67	96	3	6.1.B._	Street Address [POTW 1st part]	Left-justify
109	TRI07	6	POTW_STRE2	Character	30	97	126	3	6.1.B._	Street Address [POTW 2nd part]	Left-justify
110	TRI07	7	POTW_CITY	Character	25	127	151	3	6.1.B._	City [POTW]	Left-justify
111	TRI07	8	POTW_COUNT	Character	25	152	176	3	6.1.B._	County [POTW]	Left-justify
112	TRI07	9	POTW_STATE	Character	2	177	178	3	6.1.B._	State [POTW]	Left-justify
113	TRI07	10	POTW_ZIP	Character	9	179	187	3	6.1.B._	Zip Code [POTW]	Left-justify, no dashes
114	TRI08	1	REC_TYPE	Character	2	1	2			[Record type]	Enter 08
115	TRI08	2	OFFSTE_COD	Character	4	3	6	3	6.2._	[Off-Site Code]	Sequential number *6
116	TRI08	3	RCRA_ID	Character	12	7	18	3	6.2._	Off-site EPA Identification ...	Right-justify, or NA
117	TRI08	4	OFF_NAME1	Character	30	19	48	3	6.2._	Off-Site Location Name [1st part]	Left-justify *7
118	TRI08	5	OFF_NAME2	Character	30	49	78	3	6.2._	Off-Site Location Name [2nd part]	Left-justify
119	TRI08	6	OFF_STRET1	Character	30	79	108	3	6.2._	Street Address [Off-Site 1st part]	Left-justify
120	TRI08	7	OFF_STRET2	Character	30	109	138	3	6.2._	Street Address [Off-Site 2nd part]	Left-justify
121	TRI08	8	OFF_CITY	Character	25	139	163	3	6.2._	City [Off-Site]	Left-justify
122	TRI08	9	OFF_COUNTY	Character	25	164	188	3	6.2._	County [Off-Site]	Left-justify
123	TRI08	10	OFF_STATE	Character	2	189	190	3	6.2._	State [Off-Site]	Left-justify
124	***TRI08***	***11***	***OFF_ZIP***	***Character***	***14***	***191***	***204***	***3***	***6.2._***	***Zip Code [Off-Site]***	***Left-justify***
125	TRI08	12	OFF_CNTRL	Character	2	205	206	3	6.2._	Is location under control of ...	Enter Y or N
126	***TRI08***	***13***	***OFF_COUNTRY***	***Character***	***2***	***207***	***208***	***3***	***6.2_***	***Non-US Country code***	
127	***TRI08***	***14***	***OFF_PROVINCE***	***Character***	***25***	***209***	***233***	***3***	***6.2_***	***Non-US State/Province***	***Left-justify***
128	TRI09	1	REC_TYPE	Character	2	1	2			[Record type]	Enter 09
129	TRI09	2	REPORT_NUM	Character	5	3	7			[Report number]	Sequential number
130	TRI09	3	STREAMCODE	Character	4	8	11			[Stream or Water... Name Code]	Matches record Type 06 link code *8
131	TRI09	4	STREAM_REL	Character	11	12	22	2	5.3._	Stream or Water ... [Release]	Release estimate, Range code *1
132	TRI09	5	STREAM_BAS	Character	2	23	24	2	5.3._	Stream or Water ... [Basis]	Basis code (M, C, E, or O)
133	TRI09	6	STORM_PCT	Character	5	25	29	2	5.3._	Stream or Water ... [Stormwater]	Right-justify percent (no decimal point) or NA *13
134	TRI10	1	REC_TYPE	Character	2	1	2			[Record type]	Enter 10
135	TRI10	2	REPORT_NUM	Character	5	3	7			[Report number]	Sequential number
136	TRI10	3	SITRCVMTD	Character	3	8	10	5	7B	On-Site Energy Recovery ...	Three char. code or NA
137	TRI11	1	REC_TYPE	Character	2	1	2			[Record type]	Enter 11
138	TRI11	2	REPORT_NUM	Character	5	3	7			[Report number]	Sequential number
139	TRI11	3	POTW_CODE	Character	4	8	11	3	6.1.B._	[POTW Code]	Matches record Type 07 link code *9

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Record#	File	Field	Field_Name	Type	Width	Start	End	Page	Section	Description	Notes
140	TRI12	1	REC_TYPE	Character	2	1	2			[Record type]	Enter 12
141	TRI12	2	REPORT_NUM	Character	5	3	7			[Report number]	Sequential number
142	TRI12	3	OFFSTE_COD	Character	4	8	11		6.2._	[Off-Site Code]	Matches record type 08, numeric character *10
143	TRI12	4	OFFSTE_REL	Character	11	12	22	4	6.2._	Total Transfers ... [Off-Site]	Right-justify number, or NA *1
144	TRI12	5	OFFSTE_BAS	Character	2	23	24	4	6.2._	Basis of Estimate ... [Off-Site]	Basis code (M, C, E, or O)
145	TRI12	6	OFFSTE_TRE	Character	3	25	27	4	6.2._	Type of Waste ... [Off-Site]	OffsiteTreatment code
146	TRI13	1	REC_TYPE	Character	2	1	2			[Record type]	Enter 13
147	TRI13	2	REPORT_NUM	Character	5	3	7			[Report number]	Sequential
148	TRI13	3	WTME_STREM	Character	2	8	9	4	7A._a	General Waste Stream (enter ...	Wastestream code or NA
149	TRI13	4	WTME_TRET1	Character	3	10	12	4	7A._b	Waste Treatment Method(s) ... [1]	3 char Treatment code or NA
150	TRI13	5	WTME_TRET2	Character	3	13	15	4	7A._b	Waste Treatment Method(s) ... [2]	3 char Treatment code or NA
151	TRI13	6	WTME_TRET3	Character	3	16	18	4	7A._b	Waste Treatment Method(s) ... [3]	3 char Treatment code or NA
152	TRI13	7	WTME_TRET4	Character	3	19	21	4	7A._b	Waste Treatment Method(s) ... [4]	3 char Treatment code or NA
153	TRI13	8	WTME_TRET5	Character	3	22	24	4	7A._b	Waste Treatment Method(s) ... [5]	3 char Treatment code or NA
154	TRI13	9	WTME_TRET6	Character	3	25	27	4	7A._b	Waste Treatment Method(s) ... [6]	3 char Treatment code or NA
155	TRI13	10	WTME_TRET7	Character	3	28	30	4	7A._b	Waste Treatment Method(s) ... [7]	3 char Treatment code or NA
156	TRI13	11	WTME_TRET8	Character	3	31	33	4	7A._b	Waste Treatment Method(s) ... [8]	3 char Treatment code or NA
157	TRI13	12	WTME_INFLU	Character	2	34	35	4	7A._c	Range of Influent Concentration	Range code (1 through 5) or NA
158	TRI13	13	WTME_EFFIC	Character	5	36	40	4	7A._d	Waste Treatment Efficacy Estimate	Right-justify percent (no decimal point) or NA
159	TRI13	14	WTME_DATA	Character	1	41	41	4	7A._e	Based on Operating Data?	Enter Y or N
160	TRI14	1	REC_TYPE	Character	2	1	2			[File type]	Enter 14
161	TRI14	2	FAC_SEQNUM	Character	4	3	6			[Facility Sequence Number]	Matches code for File Type 01, Field 3
162	TRI14	3	F_ID	Character	15	7	21	1	4.1	TRI Facility ID Number	Left-justified, no dashes
163	TRI14	4	FAC_NAME1	Character	30	22	51	1	4.1	Facility or Estab ... [1st part]	Left-justified
164	TRI14	5	FAC_NAME2	Character	30	52	81	1	4.1	Facility or Estab ... [2nd part]	Left-justified
165	TRI14	6	FAC_STRT1	Character	30	82	111	1	4.1	Street Address [1st part]	Left-justified
166	TRI14	7	FAC_STRT2	Character	30	112	141	1	4.1	Street Address [2nd part]	Left-justified
167	TRI14	8	FAC_CITY	Character	25	142	166	1	4.1	City	Left-justified
168	TRI14	9	FAC_CNTY	Character	25	167	191	1	4.1	County	Left-justified
169	TRI14	10	FAC_STATE	Character	2	192	193	1	4.1	State	Left-justified
170	TRI14	11	FAC_ZIP	Character	9	194	202	1	4.1	Zip Code	Left-justified
171	TRI14	12	FAC_LAT	Character	7	203	209	1	4.6	Latitude	Format DDDMMSS
172	TRI14	13	FAC_LONG	Character	7	210	216	1	4.6	Longitude	Format DDDMMSS
173	TRI14	14	PAR_CO_NAM	Character	45	217	261	1	5.1	Name of Parent Company	Left-justified
174	TRI14	15	PAR_CO_DUN	Character	9	262	270	1	5.2	Parent Company's Dun & Brad ...	Right-justified, no dashes
175	TRI14	16	MAIL_STR1	Character	30	271	300	1	4.1	Mailing Address ... [1st part]	Left-justified
176	TRI14	17	MAIL_STR2	Character	30	301	330	1	4.1	Mailing Address ... [2nd part]	Left-justified
177	TRI14	18	MAIL_CITY	Character	25	331	355	1	4.1	City [Mailing Address]	Left-justified
178	TRI14	19	MAIL_STATE	Character	2	356	357	1	4.1	State [Mailing Address]	Left-justified
179	***TRI14***	***20***	***MAIL_ZIP***	***Character***	***14***	***358***	***371***	***1***	***4.1***	***Zip Code [Mailing Address]***	***Left-justified***
180	TRI14	21	MAIL_NAME	Character	60	372	431	1	4.1	Mailing Facility or Est. Name	Left-justified
181	***TRI14***	***22***	***MAIL_COUNTRY***	***Character***	***2***	***432***	***433***	***1***	***4.1***	***Non-US Mailing Country***	
182	***TRI14***	***23***	***MAIL_PROVINCE***	***Character***	***25***	***434***	***458***	***1***	***4.1***	***Non-US Mailing Province***	***Left-justified***
183	TRI15	1	REC_TYPE	Character	2	1	2			[Record type]	Enter 15
184	TRI15	2	REPORT_NUM	Character	5	3	7			[Report number]	Sequential number
185	TRI15	3	SRCE_REDUC	Character	3	8	10	5	8.10._	Source Reduction Activities ...	Source reduction Activity code
186	TRI15	4	MTHDS_ID1	Character	3	11	13	5	8.10._	Methods to Identify ... [a]	3-char code or NA

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Record#	File	Field	Field_Name	Type	Width	Start	End	Page	Section	Description	Notes
187	TRI15	5	MTHDS_ID2	Character	3	14	16	5	8.10._	Methods to Identify ... [b]	3-char code or NA
188	TRI15	6	MTHDS_ID3	Character	3	17	19	5	8.10._	Methods to Identify ... [c]	3-char code or NA
189	TRI16	1	REC_TYPE	Character	2	1	2			[Record type]	Enter 16
190	TRI16	2	REPORT_NUM	Character	5	3	7			[Report number]	Sequential number
191	TRI16	3	SITRCVMTHD	Character	3	8	10	5	7C	On-Site Recycling Processes	3-char. code or NA
192	TRITR	1	REC_TYPE	Character	2	1	2			[Record type]	Enter TR
193	TRITR	2	NUM_FACLTY	Character	5	3	7			Number of Facilities	Total number of facilities in TRI14
194	TRITR	3	NUM_SUBM	Character	5	8	12			Number of Submissions	Total number of submissions in TRI01
195	TRITR	4	REPORT_YR	Character	4	13	16			Reporting Year	Software version year
196	TRITR	5	VENDOR	Character	45	17	61			Vendor Name	Company name of the software vendor.
197	TRITR	6	SW_NAME	Character	45	62	106			Software Name	Name of the software.
198	TRITR	7	VERSION	Character	20	107	126			Version	Exact version of the software.
199	TRITR	8	V_CONTACT	Character	30	127	156			Vendor Contact	Name of vendor technical contact.
200	TRITR	9	V_PHNUM	Character	15	157	171			Vendor Phone	Phone number of the technical contact.
201	TRITR	10	V_EMAIL	Character	70	172	241			Vendor Email	Email address of the technical contact.
202	***TRI17***	***1***	***REC_TYPE***	***Character***	***2***	***1***	***2***			***[Record type]***	***Enter TR***
203	***TRI17***	***2***	***REPORT_NUM***	***Character***	***5***	***3***	***7***			***[Report number]***	***Sequential number***
204	***TRI17***	***3***	***NA***	***Character***	***1***	***8***	***8***	***2***	***1.4***	***Not Applicable***	***"y" or "N"***
205	***TRI17***	***4***	***PCT1***	***Character***	***5***	***9***	***13***	***2***	***1.4***	***Percent***	***Right justify (pct), zero fill, no decimal point #***
206	***TRI17***	***5***	***PCT2***	***Character***	***5***	***14***	***18***	***2***	***1.4***	***Percent***	***Right justify (pct), zero fill, no decimal point *14***
207	***TRI17***	***6***	***PCT3***	***Character***	***5***	***19***	***23***	***2***	***1.4***	***Percent***	***Right justify (pct), zero fill, no decimal point *14***
208	***TRI17***	***7***	***PCT4***	***Character***	***5***	***24***	***28***	***2***	***1.4***	***Percent***	***Right justify (pct), zero fill, no decimal point *14***
209	***TRI17***	***8***	***PCT5***	***Character***	***5***	***29***	***33***	***2***	***1.4***	***Percent***	***Right justify (pct), zero fill, no decimal point *14***
210	***TRI17***	***9***	***PCT6***	***Character***	***5***	***34***	***38***	***2***	***1.4***	***Percent***	***Right justify (pct), zero fill, no decimal point *14***
211	***TRI17***	***10***	***PCT7***	***Character***	***5***	***39***	***43***	***2***	***1.4***	***Percent***	***Right justify (pct), zero fill, no decimal point *14***
212	***TRI17***	***11***	***PCT8***	***Character***	***5***	***44***	***48***	***2***	***1.4***	***Percent***	***Right justify (pct), zero fill, no decimal point *14***
213	***TRI17***	***12***	***PCT9***	***Character***	***5***	***49***	***53***	***2***	***1.4***	***Percent***	***Right justify (pct), zero fill, no decimal point *14***
214	***TRI17***	***13***	***PCT10***	***Character***	***5***	***54***	***58***	***2***	***1.4***	***Percent***	***Right justify (pct), zero fill, no decimal point *14***
215	***TRI17***	***14***	***PCT11***	***Character***	***5***	***59***	***63***	***2***	***1.4***	***Percent***	***Right justify (pct), zero fill, no decimal point *14***
216	***TRI17***	***15***	***PCT12***	***Character***	***5***	***64***	***68***	***2***	***1.4***	***Percent***	***Right justify (pct), zero fill, no decimal point *14***
217	***TRI17***	***16***	***PCT13***	***Character***	***5***	***69***	***73***	***2***	***1.4***	***Percent***	***Right justify (pct), zero fill, no decimal point *14***
218	***TRI17***	***17***	***PCT14***	***Character***	***5***	***74***	***78***	***2***	***1.4***	***Percent***	***Right justify (pct), zero fill, no decimal point *14***
219	***TRI17***	***18***	***PCT15***	***Character***	***5***	***79***	***83***	***2***	***1.4***	***Percent***	***Right justify (pct), zero fill, no decimal point *14***
220	***TRI17***	***19***	***PCT16***	***Character***	***5***	***84***	***88***	***2***	***1.4***	***Percent***	***Right justify (pct), zero fill, no decimal point *14***
221	***TRI17***	***20***	***PCT17***	***Character***	***5***	***89***	***93***	***2***	***1.4***	***Percent***	***Right justify (pct), zero fill, no decimal point *14***

 # Example 50% =05000, 5% = 00500, and .5% = 00050

Attachment A - Blank Form R

Attachment B - Blank Form A